

FIG. 1

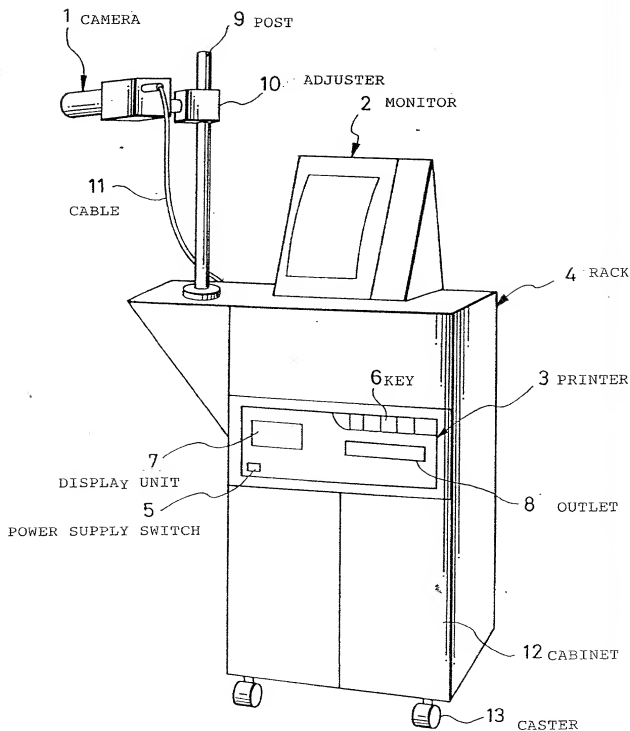


FIG. 2

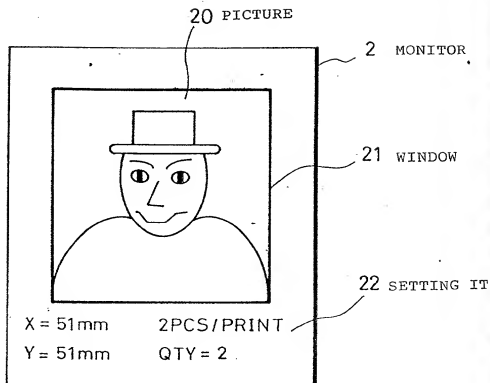
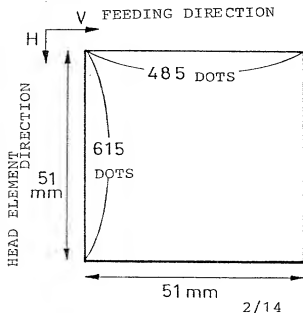


FIG. 4



NUMBER OF H-DIRECTION DOTS
 $51\text{mm}/0.083 = 615 \text{ DOTS}$

MECHANICAL FEED PITCH IN V DIRECTION
 $51\text{mm}/485 = 0.10515 \text{ mm}$

H-DIRECTION ACTIVE SCREEN AREA
 $52.655\mu\text{sec} \times \frac{3}{4} = 39.5\mu\text{sec}$

H-DIRECTION SAMPLING FREQUENCY
 $39.5\mu\text{sec}/615 = 15.573070 \text{ MHz}$

FIG. 5

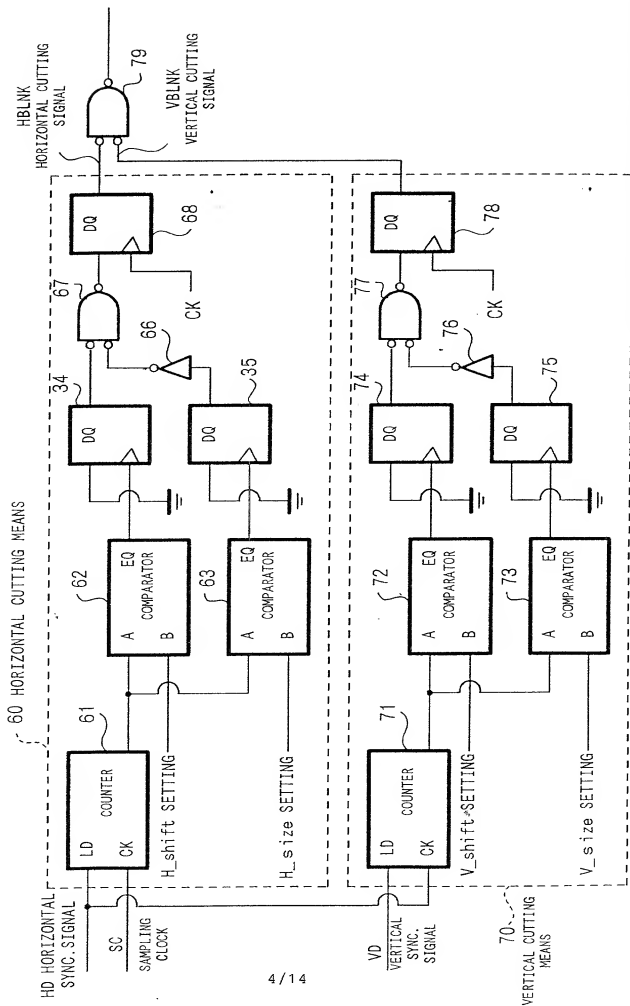


FIG. 6A

H D HORIZONTAL
SYNC. SIGNAL

FIG. 6B

S C SAMPLING CLOCK

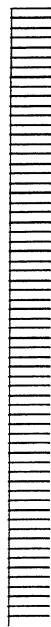


FIG. 6C

H-shift HORIZONTAL
SHIFT SIGNAL

FIG. 6D

H-size HORIZONTAL SIZE
SIGNAL

FIG. 6E

HBLNK HORIZONTAL CUT
SIGNAL

FIG. 7A

V D VERTICAL SYNC.
SIGNAL

FIG. 7B

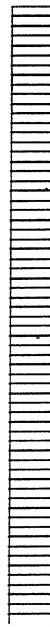
H D HORIZONTAL SYNC.
SIGNAL

FIG. 7C

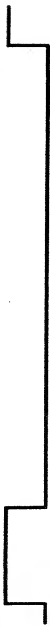
V-shift VERTICAL SHIFT
SIGNAL

FIG. 7D

V-size VERTICAL SIZE
SIGNAL

FIG. 7E

VBLNK VERTICAL CUT
SIGNAL

FIG. 9

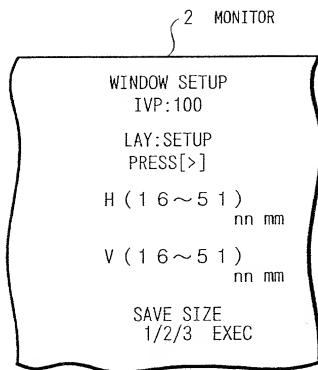


FIG. 10

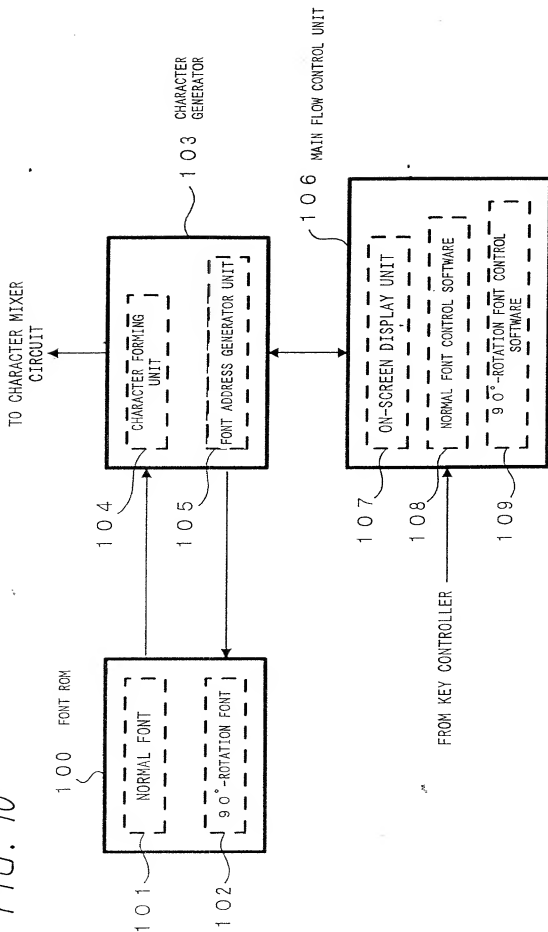


FIG. 11

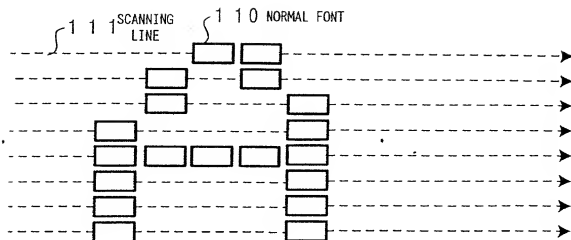


FIG. 12

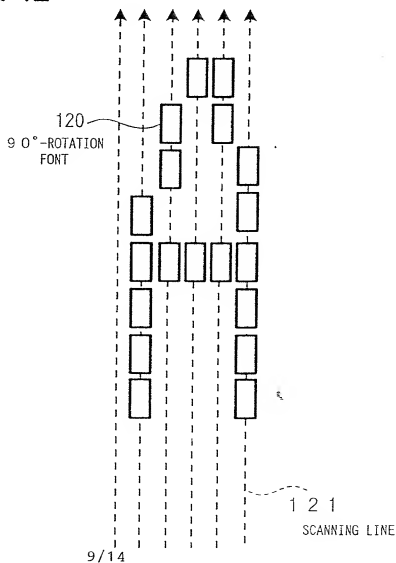


FIG. 13A

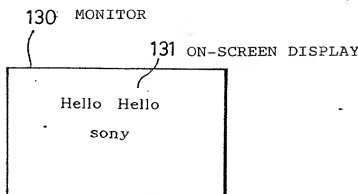


FIG. 13B

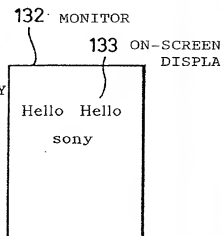


FIG. 14A

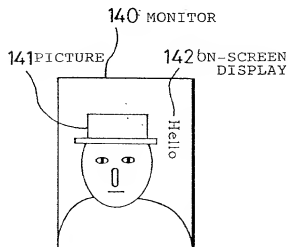
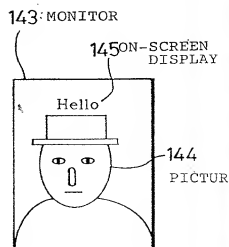


FIG. 14B



EXPLANATION OF REFERENCE NUMBERS

1	Camera
2	Monitor
3	Monitor
4	Rack
5	Power Supply Switch
6	Key
7	Display Unit
8	Outlet
9	Post
10	Adjuster
11	Cable
12	Cabinet
13	Caster
21	Window
20	Picture
22	Setting Item
30	Zooming Function
31R, 31G, 31B	A/D Converters
32	Memory
33	Memory Controller
34	CPU
35	Memory
36	Monitor Color Pallet
37	D/A Converter
38	Character Mixer Circuit
39	Horizontal and Vertical Cutting Means
40	Window Displaying Means

41	Printer Color Pallet
42	Color Generating Circuit
3	Printer
43	Head Controller
44	Head
45	Mechanical Controller
46	Platen Motor
48	Platen
49	System Controller
50	Interface Circuit
51	Print Size Selecting means
60	Horizontal Cutting Means
61	First Counter
62	First Comparator
63	Second Comparator
64	First Flip Flop
65	Second Flip Flop
66	Invertor
67	First Negative Logic NAND Circuit
68	Third Flip Flop
70	Vertical Cutting Means
71	Second Counter
72	Third Comparator
73	Fourth Comparator
74	Fourth Flip Flop
75	Fifth Flip Flop
76	Invertor
77	Negative Logic NAND Circuit
78	Sixth Flip Flop

79 Second Negative Logic NAND Circuit
80 Masking Range
81 Picture
82 Monitor Center
83 Print Range (Head Element Direction)
84 Print Range (Mechanical Feeding Direction)
100 Font ROM
101 Normal Font
102 90°-Rotation Font
103 Character Generator
104 Character Generator Unit
105 Font Address Generator Unit
106 Main Flow Control Unit
107 On-Screen Display Control Unit
108 Normal Font Control Software
109 90°-Rotation Font Control Software
110 Normal Font
111 Scanning Line
120 90°-Rotation Font
121 Scanning Line
130 Monitor
131 On-Screen Display
132 Monitor
133 On-Screen Display
140 Monitor
141 Picture
142 On-Screen Display
143 Monitor
144 Picture

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